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Book Reviews

L. JÄGER: **Funktionsdiagnostik und Pathophysiologie des Asthma bronchiale**. VEB, Gustav Fischer, Jena 1968.

Umfassend stellt der Autor die modernen Methoden zur quantitativen Analyse der bronchialasthmatischen Funktionsstörungen der Lunge dar, nach bestmöglicher Definition des Bronchialasthmas und seiner Abgrenzung vom Emphysem und der chronischen Bronchitis. So widmet JÄGER einen grossen Abschnitt den Inhalationstesten und ihren Differenzierungsmöglichkeiten. Ferner sticht das Kapitel über die Inhomogenität der Asthmalunge durch besondere Sorgfalt und Vielseitigkeit hervor. JÄGERS eigene Forschungsergebnisse sind in den interessanten Abschnitten über die Atemregulation bei Asthma und die Bedeutung des bronchialen Infektes bei Asthma glücklich in den Rahmen der Monographie eingeflochten. Leider findet der Leser wenig über die modernsten und wohl zukunftsreichsten Techniken zur quantitativen Beurteilung des Bronchialkalibers: das Oszillationsverfahren und die Ganzkörperplethysmographie. Die Monographie ist allen Internisten, die mit Asthmatikern zu tun haben, und allen Lungenärzten zu empfehlen.

M. SCHERRER, *Bern*

W. LÜBBERS *et al.*: **Oxygen Transport in Blood and Tissue**. Thieme, Stuttgart 1968. 264 pp., DM 54.00.

Die Monographie stellt den Behandlungsbericht der 7. Bad-Oeynhausener Gespräche in memoriam von Prof. E. OPITZ dar. Das Thema O₂-Transport Lunge-Mitochondrien ist in allen Belangen von höchst kompetenter Seite beschrieben worden: Lunge, Hämoglobinbindung, Placentarkreislauf, Gewebe-pO₂-Gradienten, vorweg im Hirn-, Herz-, Muskel-, Nieren- und Lebergewebe. Jeder Abschnitt dieses hervorragenden Vielmännerwerkes ist mit grösster Sorgfalt abgefasst und mit Zeichnungen und elektronenmikroskopischen Aufnahmen dokumentiert. Das Werk steht auf höchster Ebene der Physiologie und Physiopathologie. Dem jungen Forscher auf diesem wichtigen und zukunftsreichen Gebiet der Gewebe-Oxygenation wird das Buch als Standard- und Nachschlagewerk unentbehrlich sein.

M. SCHERRER, *Bern*

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